

FLUID INJECTION PUMP

Abstract

A fuel injection pump 100 comprises a thermoelement CSD 47 for advancing injection timing in a cold temperature condition. The CSD 47 uses a piston 46 for opening and closing a sub port 42 formed in a plunger barrel 8. An electronic governor 2 is provided with a mechanism for decreasing an injected fuel quantity when an engine starts in a cold temperature condition. The mechanism shifts a rack position in a fuel-decrease direction in a cold temperature condition, and switches the rack position to a normal position in a normal temperature condition. A timing TR for shifting the rack position is set before or simultaneous to a timing TC for switch-off of the CSD 47.